



## Greenfield 2018 Capital Improvements Program

The Capital Improvements Program (CIP) purpose is to provide recommendations to the town's Select Board for consideration as part of the annual budgeting process. The Planning Board or a committee of its members is charged with that task under New Hampshire RSA 674:5-7 and conducts a CIP every two years.

The Greenfield Planning Board has defined a capital project as one that is projected to cost at least \$5,000 and is depreciable over its life span. A survey of department heads along with personal interviews reveals those projects over the next ten years they feel are most important. The Planning Board then further rates each project as urgent (U), necessary (N), deferred (D) or committed (C) which means that the project is in progress.

Information that follows includes Planning Board recommendations for addressing the town's immediate and future needs. This list will primarily have specific items that address long term planning by suggesting realistic, annual funding of key Capital Reserve accounts.

Appendix spreadsheets for each department list all projects discussed with Department heads. While projects may not be specifically mentioned as Planning Board recommendations, it does not diminish their importance nor does it preclude individual department heads from presenting their case before the Select Board.

Paul Renaud, Chairman

Kathleen Carpenter

Sherry Fox

Angelique Moon

Ken Paulsen

Andre Wood

Bob Marshall, Select Board ex officio

## Completed 2016 CIP Projects

- |  |   |
|--|---|
| 1. Replace 1985 Pumper                     | Acquired 1993 Ladder truck                          |
| 2. Replace Dodge Forestry truck            | Acquired New Boston brush truck                     |
| 3. Replace 1998 Ford Ambulance             | Acquired 1999 New Boston Ambulance                  |
| 4. Replace 1989 Chevrolet Utility          | 1998 Ambulance becomes Utility vehicle              |
| 5. Replace unusable extrication device     | New Jaws of Life purchased                          |
| 6. Replace outdated cardiac monitor        | Modern monitor purchased                            |
| 7. Acquire extractor washing machine       | Extractor purchased                                 |
| 8. Build turnout gear locker room          | Room built with volunteer labor                     |
| 9. Replace air pack bottles                | Acquired used air packs with 10 yr remaining life   |
| 10. Replace propane stove and water heater | Done  |
| 11. Repair library foundation leak         | Done (2017)   |
| 12. Repair DPW roof leak                   | Metal roof installed (2016)                         |
| 13. Replace International 6 Wheeler        | Used 2010 Freightliner 6 wheeler purchased (2016)   |
| 14. Annual road paving – 2016              | Russell Station paved                               |
| 15. Annual road paving – 2017              | Slip Road partially paved, Knotwood paved           |
| 16. Pave portions of Recycling Center road | Hill and portions of entrance and exit paved (2016) |
| 17. Purchase paper compactor               | Compactor installed                                 |
| 18. Replace 2011 Police vehicle            | 2017 Ford SUV purchased                             |

In addition to the above projects, and with overwhelming voter approval, annual capital reserve funding has been increased. This increase will allow Greenfield alternatives when determining how future project costs will be funded.

# 2018 CIP Vehicle/Equipment Projects



## Planning Board Recommendation

Fund the following capital reserves annually:

Police Vehicle Capital Reserve Fund:	\$15,000
Fire /Rescue Apparatus Capital Reserve Fund:	\$70,000
Highway Equipment Capital Reserve Fund:	\$70,000

The Police Department is on track for upgrading their vehicles with an overall objective of replacing one vehicle every three years. The new SUV type vehicles feature 4WD for better maneuverability during winter conditions and mud season. The capital reserve funding amount recommended should achieve future tax impact leveling which is now financed by multi year lease/purchase contracts.

The Fire Department improved many aspects including more reliable vehicles and overall fire fighter safety. These achievements were obtained with a combination of fund raisers, donations, capital reserves, and lots of extra work by department personnel and auxiliary members. The replacement vehicles, while better, were not anywhere close to being new. As such the age of the vehicle, rather than its in service date for Greenfield, was the overriding fact when scheduling its replacement on the department's spreadsheet.

It should be noted that, even at annual capital reserve funding of \$70k, the Fire Department projects will not achieve tax impact leveling by CRF alone. The cost of new, and/or newer used apparatus overwhelms the CRF. We cannot make up for all of the past lost opportunities in building reserves at an appropriate level. Other fire departments undoubtedly will also be taking a closer look at the used apparatus market as citizens adjust to "sticker shock" from fire apparatus manufacturers.

Future purchases for the Highway Department will face much of the same issues as the Fire Department. As the fleet ages more dollars should be considered for the maintenance line item in the annual budget if replacement of a piece of equipment does not look viable. Perhaps major overhauls to extend the expected life should be investigated for some of the high dollar equipment. The Highway Department CRF cannot be used for repairs as it is currently written.

# Police Department:

CIP Data for 2018 - 2027 / Police Department

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
2017 Ford Explorer	\$38,760	2	C/N	\$10,201	\$10,201	\$10,201		\$44,923						\$75,526
Replace 2011 Ford Crown Vic.	\$38,760	1 / 3	N		\$41,124						\$49,019			\$90,143
<b>Total</b>	<b>\$77,520</b>			<b>\$10,201</b>	<b>\$51,325</b>	<b>\$10,201</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49,019</b>			<b>\$165,669</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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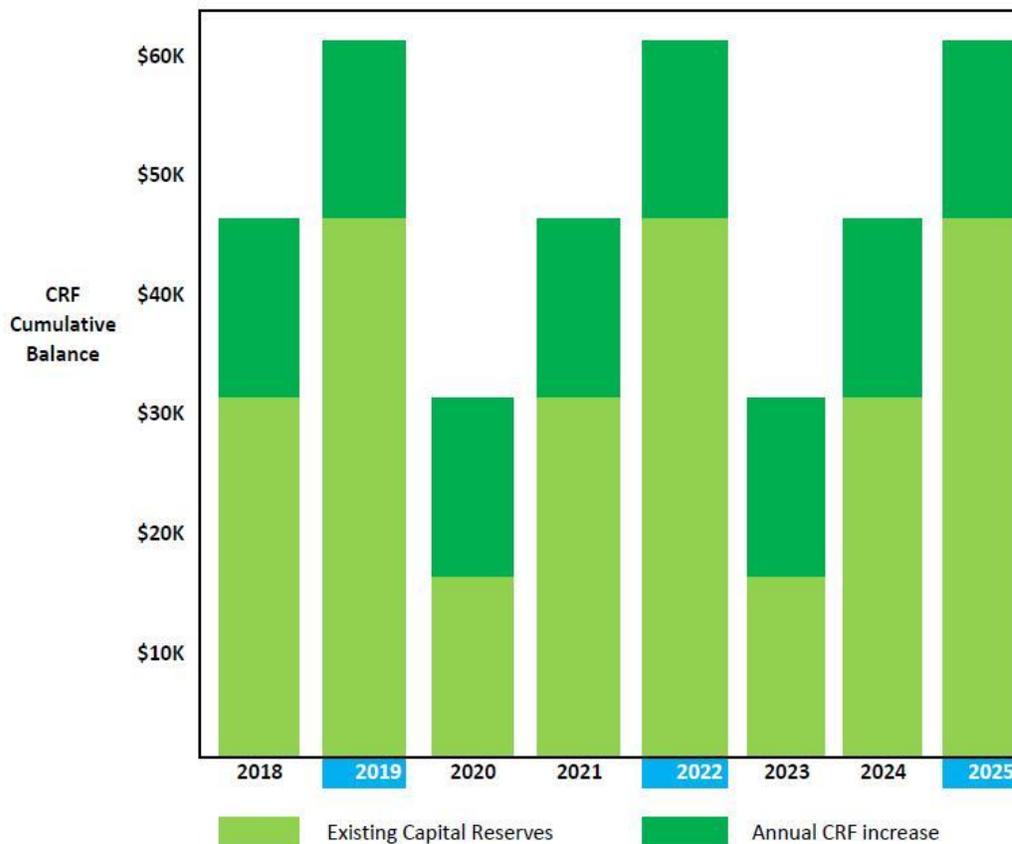
**NOTES:**

The CIP schedule for replacement of Police Cruisers is after 6 years of service. This should allow a spread of purchase cycle to be implemented if a cruiser remains in good condition. Police cruiser historical trends indicate typical usage of about 21,000 miles per year. Replacement of cruisers would therefore be necessary between 100,000 and 120,000 miles.

A new police cruiser was purchased in 2017 on lease-purchase for four years. Figures for 2018-2020 represent committed expenditures. Spreadsheet assumes the department will only have two vehicles in service.

The Police Vehicle CRF will have approximately \$30,400 by December 2017.

Police Vehicle CRF funding / purchase



The above chart shows how tax impact leveling would be achieved with annual funding of the Police CRF at \$15k.

# Fire Department:

CIP Data for 2018 - 2027 / Fire Dept.

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
1993 Mack w/55ft ladder	\$300,000	2	N						\$358,200					\$358,200
1999 Ford Ambulance	\$180,000	3	N								\$228,060			\$228,060
1998 Ford Rescue / Utility conversion														\$0
1999 Freightliner Pumper/rescue	\$443,000													\$0
1967 International Loadstar Brush Trk														\$0
1988 Tanker replacement	\$100,000	1	N	\$100,000										\$100,000
														\$0
<b>Total</b>	<b>\$1,023,000</b>			<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$358,200</b>	<b>\$0</b>	<b>\$228,060</b>	<b>\$0</b>	<b>\$0</b>	<b>\$686,260</b>

Inflation	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

Policy Statement - Ladder, tanker, & pumper when replaced will be completed acquiring newer, used items whenever possible. Expected life of vehicles is 25-30 years less age of vehicle at time of acquisition.

Ambulance The ambulance goes on almost every call. The 2025 replacement should be new equipment.

1967 Brush truck It is in remarkably great condition and receives minimal use. A replacement is not projected for this planning horizon

1999 Freightliner Its replacement schedule is just beyond the planning horizon. It should appear in the 2020-2029 CIP

1998 Ford R/U Its replacement schedule is just beyond the planning horizon. It should appear in the 2020-2029 CIP

Rescue one boat Not scheduled for replacement in this planning horizon

1993 Mack Ladder A new ladder truck w 55' is around 3/4 million in 2017. The 2023 replacement is for a used truck.

The Fire / Rescue Apparatus CRF will have approximately \$160,400 by December 2017

The Fire / Rescue Non Apparatus CRF will have approximately \$15,000 by December 2017.

## Additional notes:

1. While the chief would like to find a replacement tanker in 2017, he is inclined to wait until the outcome of our application for a Federal program tanker is known.
2. In spite of losing our 1998 Tanker with its 2500 gallon capacity, Greenfield still has 3500 gallons it can bring to a fire split among the Ladder truck (1500), Engine (750) and the Brush truck (1250).

# Highway Department:

CIP Data for 2018 - 2027 / DPW - Vehicles

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
2014 Mack 10 wheel dump truck	\$250,000	6	C/N	\$26,983	\$26,077							\$326,250		\$379,310
2012 Ford F-250 Pick-Up	\$50,000	3	N					\$57,950						\$57,950
2010 Freightliner Dump Truck	\$200,000	4	N					\$231,800						\$231,800
2007 Ford F-550 Dump Truck	\$75,000	2	N	\$77,250										\$77,250
2009 Caterpillar Backhoe 4WHD	\$210,000	8												\$0
2007 Caterpillar Loader	\$230,000	7	N										\$309,120	\$309,120
2003 John Deere Grader	\$343,000	5	N						\$409,542					\$409,542
1998 Trackless Municipal Tractor	\$30,000	1	N	\$30,900										\$30,900
<b>Total</b>	<b>\$1,388,000</b>			<b>\$135,133</b>	<b>\$26,077</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,750</b>	<b>\$409,542</b>	<b>\$0</b>	<b>\$0</b>	<b>\$326,250</b>	<b>\$309,120</b>	<b>\$1,495,872</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

10 Wheeler was replaced in 2013. Cost data reflects committed payments for next two years  
 Backhoe and Loader replacement fall just outside of this planning horizon. Their replacements fall in the 2028-2029 timeframe.  
 1998 Trackless is proposed to be replaced with a Kubota like tractor with a snowblower attachment  
 Consider the possibility of a grader overhaul to extend its life.

Highway Equipment CRF will have approximately \$80,600 by December 2017

The same discussion for the Fire Department regarding potential purchases more than five years out also applies to the Highway Department. An evaluation of the line item's condition should be taken as that point in time gets closer.

The 1998 Trackless Municipal Tractor has proven to be unreliable when needed and a replacement in 2018 should be given the highest priority. The main function of the Trackless was snow removal therefore a replacement should have a snow blowing attachment. A lease/purchase on near term projects should be considered to allow annual capital reserve funding to grow for the more expensive line items projected in 2022 and beyond.

### Greenfield Vehicle / Equipment Replacement Schedule

Product	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
2017 & 2022 cruiser		10	10	10	10		45						
2019 & 2025cruiser				41						49			
1993 Ladder 55ft	30							358					
1999 Ambulance		23								228			
1998 Resc/util													
1988 Tanker Repl			100										
1998 Freightliner													613
1967 Brush		5											
2012 Ford PU							58						
2007 Cat. Loader													309
2009 Cat. Backhoe													
2003 JD Grader								410					
2014 Mack 10 wheel	29	29	27	26							326		
2007 Ford F-550			77										
2010 Freightliner	55						232						
1998 trackless			31										

Sum of expenditures (\$000)      \$114   \$67   \$245   \$77   \$10   \$0   \$335   \$768   \$0   \$277   \$326   \$309   \$613

A combined look at future vehicle and equipment replacements indicates that some years could be loaded with costs while others show no purchases. It should be noted that spreadsheet cells beyond 2021 representing acquisitions are merely a point in time and are based on typical useful life expectancy of that particular line item. In reality, as that future date arrives, a decision will be made on its condition and continued usefulness to the town. In any case the annual capital reserve funding needs to happen in order that, whenever the acquisition is made, Greenfield is reasonably prepared from a financial perspective. It will be up to the Town Administrator and Select Board to determine how much, if any, of the purchase price will come from capital reserves with the remainder financed by some form of lease/purchase arrangement.

Funding Fire and Highway capital reserves at \$70k annually aids tax impact leveling but would not provide for 100% leveling as the Police \$15k annual capital reserve funding does.

# 2018 CIP Buildings and Grounds Projects



CIP Data for 2018 - 2027 / Highway - Town Paved Roads

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
East -stage 1	\$125,000	1	N	\$128,750										\$128,750
East -stage 2	\$125,000	2	N		\$132,625									\$132,625
East - stage 3	\$125,000	3	N			\$136,625								\$136,625
East - stage 4	\$125,000	4	N				\$140,750							\$140,750
New Boston - stage 1	\$125,000	5	N					\$144,875						\$144,875
New Boston - stage 2	\$125,000	6	N						\$149,250					\$149,250
New Boston - stage 3	\$125,000	7	N							\$153,750				\$153,750
Mountain - stage 1	\$125,000	8	N								\$158,375			\$158,375
Mountain - stage 2	\$125,000	9	N									\$163,125		\$163,125
Bridge reconstruction	\$175,000	10	D										\$235,200	\$235,200
<b>Total</b>	<b>\$1,300,000</b>			<b>\$128,750</b>	<b>\$132,625</b>	<b>\$136,625</b>	<b>\$140,750</b>	<b>\$144,875</b>	<b>\$149,250</b>	<b>\$153,750</b>	<b>\$158,375</b>	<b>\$163,125</b>	<b>\$235,200</b>	<b>\$1,543,325</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

It is intended that all town paved roads be on a 10-12 year cycle for resurfacing. As each road comes up for consideration, actual cost estimates will have to be solicited as part of the budgeting cycle.  
 The order of paving may be impacted by culvert replacement considerations, engineering opinions and conservation requirements.  
 Likewise, the estimated cost in today's dollars could be impacted by current petroleum prices, actual footage of the project and unforeseen environmental restrictions.  
 Roads are projected to be done in stages due to the length of each road and the probability of reconstruction versus shim overlay

## Planning Board Recommendation

Fund the following capital reserves annually:

Town Buildings Capital Reserve Fund:	\$50,000
Library Buildings and Grounds Capital Reserve Fund:	\$10,000
Recycling Center Capital Reserve Fund:	\$10,000

Positive steps are being undertaken to address long standing issues with town facilities not the least of which is Greenfield's most prominent feature, the Meeting House. Stain glass windows are crumbling under their own weight, water leaks into the basement, some timbers in the steeple are showing rot from years of rain water leakage, and outdated wiring are some of the issues that need to be addressed. A 501(c)(3) organization (Greenfield Community Improvement Association) has been formed with the purpose of raising funds to help pay for correcting the many problems. An LCHIP grant application has been submitted to fund an engineering study of the building's condition, determine corrective action and solicit bids for necessary repairs.

Undoubtedly the amount needed just for the Meeting House will be a very large bill. Recent work done on Hancock's Meeting House and Frankestown's current restoration of its meeting house suggests that figures approaching one million dollars are not out of the ballpark. A few years back, Acworth had its church steeple completely removed for repairs and restoration. Figures for Greenfield's Meeting House restoration may not be known for some time. Setting aside \$50k annually provide a head start on whatever our "fair share" will be. It will probably take a combination of capital reserves, private donations, grants, and fund raisers to meet our total obligation.

Another long standing problem of foundation leakage at Stephenson Memorial Library has been addressed and hopefully solved. Two other key issues still remain: insulation problems in the ceiling and more adequate climate control to protect the volumes and provide a better environment for patrons. The library trustees have already had an expert study the issues and suggest solutions.

Concerns over patron safety and issues with using trailers for temporary storage have prompted a number of projects proposed by the Recycling Center Supervisor. These plans merit an outside study to determine best traffic flow, need for utility pole relocation/alternative lighting locations, best usage of future excavated land, and sizing of storage containers to replace the trailers.

### Greenfield Buildings and Grounds Projects

Product	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
TO: repl sill plate			10										
TO: repl ACs w/Hpump				23									
TO: Window upgrade				32									
OP: refurbish			10	11	11	11							
DPW: foundation leak			5										
DPW: wood boiler			15										
Libr: Climate Mgmt.				19									
Libr: Energy Cons.				64									
RC: 30 YD. Container			7										
RC: 40' Cargo Cont.				6	6	6	6						
RC: 40' Octagon Cont.			8			8							
RC: 50 yd Container				10									
RC: Redesign layout				7	16	8	8						
Admin: Server				5									
Meeting House Restoration		?	?	?	?	?	?						

Sum of expenditures (\$000)

\$55	\$177	\$33	\$33	\$14	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Projects listed in the Gantt chart include those for Town Office (TO), Oak Park (OP), Department of Public Works (DPW), Library (Libr), Recycling Center (RC) and Administration (Admin).

Several projects hold the promise of reducing Greenfield’s dependence on fossil fuels thus achieving in the long run implementation objectives documented in the Master Plan updates of 2017. Replacing windows in the Town Office, choosing an alternative to oil for heat at DPW, and the two Stephenson Library projects could have a significant impact on annual oil/propane usage.

The Buildings and Grounds Manager has identified several maintenance issues at Oak Park coming under the title “refurbish”. These issues include improving the track surface, repairing cracks in the tennis court surface, establish a better base for the grass to grow in the baseball diamond and annual maintenance activities for the playground area and the pavilion.

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**CIP Data for 2018 - 2027 / Police Department**

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
2017 Ford Explorer	\$38,760	2	C/N	\$10,201	\$10,201	\$10,201		\$44,923						\$75,526
Replace 2011 Ford Crown Vic.	\$38,760	1 / 3	N		\$41,124						\$49,019			\$90,143
<b>Total</b>	<b>\$77,520</b>			<b>\$10,201</b>	<b>\$51,325</b>	<b>\$10,201</b>	<b>\$0</b>	<b>\$44,923</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49,019</b>			<b>\$165,669</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

The CIP schedule for replacement of Police Cruisers is after 6 years of service. This should allow a spread of purchase cycle to be implemented if a cruiser remains in good condition. Police cruiser historical trends indicate typical usage of about 21,000 miles per year. Replacement of cruisers would therefore be necessary between 100,000 and 120,000 miles.

A new police cruiser was purchased in 2017 on lease-purchase for four years. Figures for 2018-2020 represent committed expenditures. Spreadsheet assumes the department will only have two vehicles in service.

The Police Vehicle CRF will have approximately \$30,400 by December 2017.

CIP Data for 2018 - 2027 / Fire Dept.

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
1993 Mack w/55ft ladder	\$300,000	2	N						\$358,200					\$358,200
1999 Ford Ambulance	\$180,000	3	N								\$228,060			\$228,060
1998 Ford Rescue / Utility conversion														\$0
1999 Freightliner Pumper/rescue	\$443,000													\$0
1967 International Loadstar Brush Trk														\$0
1988 Tanker replacement	\$100,000	1	N	\$100,000										\$100,000
														\$0
<b>Total</b>	<b>\$1,023,000</b>			<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$358,200</b>	<b>\$0</b>	<b>\$228,060</b>	<b>\$0</b>	<b>\$0</b>	<b>\$686,260</b>

Inflation	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:** Policy Statement - Ladder, tanker, & pumper when replaced will be completed acquiring newer, used items whenever possible. Expected life of vehicles is 25-30 years less age of vehicle at time of acquisition.

Ambulance The ambulance goes on almost every call. The 2025 replacement should be new equipment.  
 1967 Brush truck It is in remarkably great condition and receives minimal use. A replacement is not projected for this planning horizon  
 1999 Freightliner Its replacement schedule is just beyond the planning horizon. It should appear in the 2020-2029 CIP  
 1998 Ford R/U Its replacement schedule is just beyond the planning horizon. It should appear in the 2020-2029 CIP  
 Rescue one boat Not scheduled for replacement in this planning horizon  
 1993 Mack Ladder A new ladder truck w 55' is around 3/4 million in 2017. The 2023 replacement is for a used truck.

The Fire / Rescue Apparatus CRF will have approximately \$160,400 by December 2017  
 The Fire / Rescue Non Apparatus CRF will have approximately \$15,000 by December 2017.

CIP Data for 2018 - 2027 / DPW - Vehicles

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
2014 Mack 10 wheel dump truck	\$250,000	6	C/N	\$26,983	\$26,077							\$326,250		\$379,310
2012 Ford F-250 Pick-Up	\$50,000	3	N					\$57,950						\$57,950
2010 Freightliner Dump Truck	\$200,000	4	N					\$231,800						\$231,800
2007 Ford F-550 Dump Truck	\$75,000	2	N	\$77,250										\$77,250
2009 Caterpillar Backhoe 4WHD	\$210,000	8												\$0
2007 Caterpillar Loader	\$230,000	7	N										\$309,120	\$309,120
2003 John Deere Grader	\$343,000	5	N						\$409,542					\$409,542
1998 Trackless Municipal Tractor	\$30,000	1	N	\$30,900										\$30,900
<b>Total</b>	<b>\$1,388,000</b>			<b>\$135,133</b>	<b>\$26,077</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,750</b>	<b>\$409,542</b>	<b>\$0</b>	<b>\$0</b>	<b>\$326,250</b>	<b>\$309,120</b>	<b>\$1,495,872</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

10 Wheeler was replaced in 2013. Cost data reflects committed payments for next two years  
 Backhoe replacement is just outside of this planning horizon. Its replacement falls in the 2028-2029 timeframe.  
 1998 Trackless is proposed to be replaced with a Kubota like tractor with a snowblower attachment  
 Consider the possibility of a grader overhaul to extend its life.

Highway Equipment CRF will have approximately \$80,600 by December 2017

CIP Data for 2018 - 2027 / Buildings and Grounds

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Replace sill plate and structure at town office	\$10,000		N	\$10,300										\$10,300
Replace all window ACs at town office w/central heat pump	\$22,000		D		\$23,342									\$23,342
Town Office Windows Upgrade	\$30,000		N		\$31,830									\$31,830
Oak Park refurbishment	\$40,000		N	\$10,300	\$10,610	\$10,930	\$11,260							\$43,100
Control DPW garage leakage	\$5,000		N	\$5,150										\$5,150
Install outdoor wood boiler at DPW garage	\$15,000		N	\$15,450										\$15,450
<b>Total</b>	<b>\$122,000</b>			<b>\$41,200</b>	<b>\$65,782</b>	<b>\$10,930</b>	<b>\$11,260</b>							<b>\$129,172</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**Notes:**

A comprehensive revitalization plan for the meeting house needs to be put in place. Plan should include professional engineering assessment, needed repairs with cost estimates, fund raising programs.

Town Building Maintenance CRF will have approximately \$65,400 by December 2017

CIP Data for 2018 - 2027/ library

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Climate Management	\$18,000	1	N		\$19,098									\$19,098
Energy Conservation	\$60,500	2	N		\$64,191									\$64,191
<b>Total</b>	<b>\$78,500</b>				<b>\$83,289</b>									<b>\$83,289</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

Project costs will be paid through a combination of grants, Friends of the Library fund raising, and taxation.  
 Library B & G Maintenance CRF will have \$6,070 by December 2017

CIP Data for 2018 - 2027 / Recycling Center

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
30 yrd Container Box (2)	\$7,000	1	N	\$7,000										\$7,000
40' Cargo Containers (5)	\$27,500	2	N		\$5,500	\$5,500	\$5,500	\$5,500						\$22,000
40' Octagon Container	\$8,000	2	N	\$8,000			\$8,000							\$8,000
50 yrd Container	\$10,000	2	N		\$10,000									\$10,000
Safety/Efficiency Design*			N											\$0
>> Installation of Underground Utilities	\$7,000	1			\$7,000									\$7,000
>> Repaving (cost dependent on new efficiency layout)	\$10,000	2				\$10,000								\$10,000
>> Build Dock for Storage Containers - EST	\$6,000	2				\$6,000								\$6,000
>> Install Front & Rear Overhang	\$15,000	3					\$7,500	\$7,500						\$15,000
														\$0
<b>Total</b>	<b>\$90,500</b>			<b>\$15,000</b>	<b>\$22,500</b>	<b>\$21,500</b>	<b>\$21,000</b>	<b>\$13,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$93,000</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

\* This is a multi-part project and it is suggested that the Recycling Center capital reserve fund be funded at a higher level to sustain the project in its entirety.

The Recycling Center Facilities and Equipment CRF will have approximately \$1,800 by December 2017.

CIP Data for 2018 - 2027 / Administration

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Town Office Server	\$5,000	1	N		\$5,305									\$5,305
<b>Total</b>	<b>\$5,000</b>			<b>\$0</b>	<b>\$5,305</b>	<b>\$0</b>	<b>\$5,305</b>							

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344	
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**NOTES:** The year of this projected acquisition is to be determined. It could be anytime from 2018-2022.

CIP Data for 2018 - 2027 / Town Clerk

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
No projects this CIP														
<b>Total</b>														

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

Current cabinet is getting very full. A small portion of the documents can be moved. Lack of physical space and weight of fire proof cabinets are restricting factors.

**CIP Data for 2018 - 2027 / Summary**

Department	Est Cost in Today's \$	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Police	\$77,520	\$10,201	\$51,325	\$10,201		\$44,923			\$49,019			\$165,669
Fire	\$1,023,000	\$100,000					\$358,200		\$228,060			\$686,260
DPW - Vehicles	\$1,388,000	\$135,133	\$26,077			\$289,750	\$409,542			\$326,250	\$309,120	\$1,495,872
Highway - Roads	\$1,300,000	\$128,750	\$132,625	\$136,625	\$140,750	\$144,875	\$149,250	\$153,750	\$158,375	\$163,125	\$235,200	\$1,543,325
B & G	\$122,000	\$41,200	\$65,782	\$10,930	\$11,260							\$129,172
Library	\$78,500		\$83,289									\$83,289
Recycling Center	\$90,500	\$15,000	\$22,500	\$21,500	\$21,000	\$13,000						\$93,000
Admin	\$5,000		\$5,305									\$5,305
Town Clerk												
Parks and Recreation												
<b>Total</b>	<b>\$4,084,520</b>	<b>\$430,284</b>	<b>\$386,903</b>	<b>\$179,256</b>	<b>\$173,010</b>	<b>\$492,548</b>	<b>\$916,992</b>	<b>\$153,750</b>	<b>\$435,454</b>	<b>\$489,375</b>	<b>\$544,320</b>	<b>\$4,201,892</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
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**NOTES:**

See notes on each department's spreadsheet.  
 Costs adjusted for an estimated 3% annual rate of inflation.

**CIP Data for 2018 - 2027/ Conval School District**

Project	Est Cost in Today's \$	Dep't Priority	PB Priority	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
High school renovations (science lab) <sup>3</sup>	\$2,000,000	6		\$2,000,000										\$2,000,000
Bldg security <sup>4</sup>	\$1,700,000	1		\$885,000	\$80,000	\$580,000	\$120,000							\$1,665,000
Technology Replacement & SIS <sup>5</sup>	\$860,000	4		\$214,484	\$214,484	\$214,484	\$214,484							\$857,936
Kitchen Renovation <sup>6</sup>	\$260,000	5			\$260,000									\$260,000
Roofing <sup>7</sup>	\$1,200,000	2		\$426,000	\$91,000	\$250,000	\$345,000							\$1,112,000
Parking Lots <sup>8</sup>	\$890,000	3		\$71,000	\$198,000	\$455,000	\$163,000							\$887,000
<b>Total</b>	<b>\$6,910,000</b>			<b>\$3,596,484</b>	<b>\$843,484</b>	<b>\$1,499,484</b>	<b>\$842,484</b>							<b>\$6,781,936</b>
<b>Greenfield Extrapolation<sup>2</sup></b>	<b>\$691,000</b>			<b>\$359,648</b>	<b>\$84,348</b>	<b>\$149,948</b>	<b>\$84,248</b>							<b>\$678,194</b>

Inflation factors:	1.03	1.061	1.093	1.126	1.159	1.194	1.230	1.267	1.305	1.344
Projected Greenfield Contribution % <sup>1</sup>	10%									

**NOTES:**

- <sup>1</sup> Greenfield contribution is a projected percentage based on current student population from the various Conval towns. This is recalculated each year as the school population shifts across Conval towns. Given limited population change across the towns, this value is not expected to change drastically within the next two years. For purposes of this CIP evaluation, a steady percentage is held based on the current contribution %.
- <sup>2</sup> This number represents the maximum town funding scenario. Building improvements (roofing, security, etc.) will be offset by capital reserve and trust funding where available.
- <sup>3</sup> High school renovation project is waiting to hear for formal estimates. \$2M is a placeholder estimated by the SAU at this time.
- <sup>4</sup> Every other year higher expenditures expected for bldg security. Flattening out the peaks with trust monies/capital reserves.
- <sup>5</sup> 5th through 12th grade students will move to 1:1 technology with Chromebooks. Some were purchased in the 2016-2017 school year; the balance will be purchased in the 2017-2018 school year. Ongoing replacements will be necessitated. Not all of this will be Capital Improvements, but ongoing cost equivalent to the 2018 expenditure can be expected.
- <sup>6</sup> Kitchen renovations may move to 2020 and change in scope/expense depending on decisions regarding outsourcing vendor selection.
- <sup>7</sup> Roofing expenditures are going to pop up in the near future (2018-2019) to start repairing/replacing older roofs. (GES was built in 2000-2001 and the roof is original. It's the most recent of the schools.)
- <sup>8</sup> Parking lots are being maintained and patched over time to manage expenses. The projected expenses in years 2020-2021 are placeholders assuming that selected lots will require full replacement.